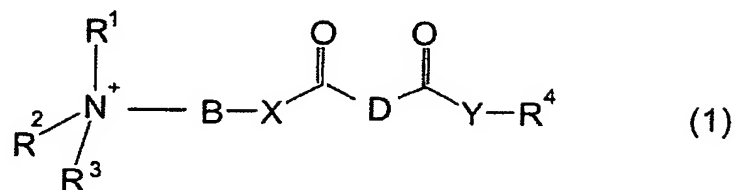


What is claimed is:

1. The use of compounds of the formula (1)



where

$\text{R}^1, \text{R}^2$  are each independently  $\text{C}_1$ - to  $\text{C}_{22}$ -alkyl,  $\text{C}_2$ - to  $\text{C}_{22}$ -alkenyl,  $\text{C}_6$ - to  $\text{C}_{30}$ -aryl or  $\text{C}_7$ - to  $\text{C}_{30}$ -alkylaryl,

$\text{R}^3$  is  $\text{C}_1$ - to  $\text{C}_{22}$ -alkyl,  $\text{C}_2$ - to  $\text{C}_{22}$ -alkenyl,  $\text{C}_6$ - to  $\text{C}_{30}$ -aryl or  $\text{C}_7$ - to  $\text{C}_{30}$ -alkylaryl,  $-\text{CHR}^5-\text{COO}^-$  or  $-\text{O}^-$ ,

$\text{R}^4$  is M, hydrogen or an organic radical which optionally contains heteroatoms and has from 1 to 100 carbon atoms,

B is an optionally substituted  $\text{C}_1$ - to  $\text{C}_{10}$ -alkylene group,

D is an ethylene group substituted by an organic radical having from 1 to 600 carbon atoms,

X, Y are each independently O or  $\text{NR}^6$ ,

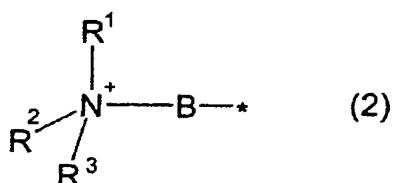
$\text{R}^5, \text{R}^6$  are each independently hydrogen,  $\text{C}_1$ - to  $\text{C}_{22}$ -alkyl,  $\text{C}_2$ - to  $\text{C}_{22}$ -alkenyl,  $\text{C}_6$ - to  $\text{C}_{30}$ -aryl or  $\text{C}_7$ - to  $\text{C}_{30}$ -alkylaryl, and

M is a cation

as corrosion and gas hydrate inhibitors.

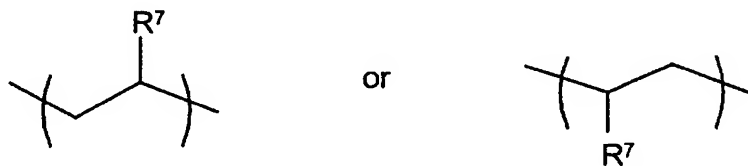
2. The use as claimed in claim 1, wherein B is a  $\text{C}_2$ - to  $\text{C}_4$ -alkylene group.
3. The use as claimed in claim 1 and/or 2, wherein  $\text{R}^1$  and  $\text{R}^2$  are each independently an alkyl or alkenyl group of from 2 to 14 carbon atoms.

4. The use as claimed in one or more of claims 1 to 3, wherein  $R^3$  is an alkyl or alkenyl group having from 1 to 12 carbon atoms.
5. The use as claimed in one or more of claims 1 to 4, wherein  $R^5$  and  $R^6$  are hydrogen.
6. The use as claimed in one or more of claims 1 to 5, wherein  $R^4$  is a radical of the formula (2)



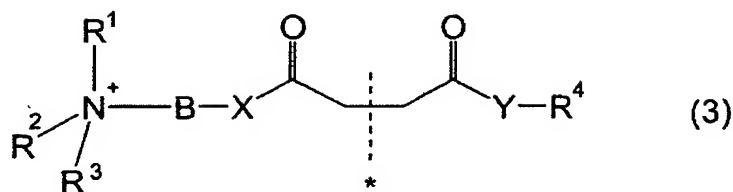
where  $R^1$ ,  $R^2$ ,  $R^3$  and B are each as defined in claim 1.

7. The use as claimed in one or more of claims 1 to 6, wherein D is a structural unit of the formula



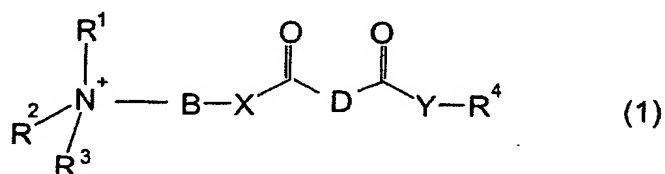
in which  $R^7$  is  $C_2$  - to  $C_{100}$ -alkyl or alkenyl radicals.

8. The use as claimed in one or more of claims 1 to 7, wherein  $R^7$  is structural units of the formula (3)



where  $\text{R}^1$ ,  $\text{R}^2$ ,  $\text{R}^3$ ,  $\text{R}^4$ , B, X and Y are each as defined in claim 1.

9. A compound of the formula (1)



where

$\text{R}^1$ ,  $\text{R}^2$  are each independently  $\text{C}_1$ - to  $\text{C}_{22}$ -alkyl,  $\text{C}_2$ - to  $\text{C}_{22}$ -alkenyl,  $\text{C}_6$ - to  $\text{C}_{30}$ -aryl or  $\text{C}_7$ - to  $\text{C}_{30}$ -alkylaryl,

$\text{R}^3$  is  $\text{C}_1$ - to  $\text{C}_{22}$ -alkyl,  $\text{C}_2$ - to  $\text{C}_{22}$ -alkenyl,  $\text{C}_6$ - to  $\text{C}_{30}$ -aryl or  $\text{C}_7$ - to  $\text{C}_{30}$ -alkylaryl,  $-\text{CHR}^5-\text{COO}^-$  or  $-\text{O}^-$ ,

$\text{R}^4$  is M, hydrogen or an organic radical which optionally contains heteroatoms and has from 1 to 100 carbon atoms,

B is an optionally substituted  $\text{C}_1$ - to  $\text{C}_{10}$ -alkylene group,

D is an ethylene group substituted by an organic radical having from 1 to 600 carbon atoms,

X, Y are each independently O or  $\text{NR}^6$ ,

$\text{R}^5$ ,  $\text{R}^6$  are each independently hydrogen,  $\text{C}_1$ - to  $\text{C}_{22}$ -alkyl,  $\text{C}_2$ - to  $\text{C}_{22}$ -alkenyl,  $\text{C}_6$ - to  $\text{C}_{30}$ -aryl or  $\text{C}_7$ - to  $\text{C}_{30}$ -alkylaryl, and

M is a cation.